

Europe gas inventories

Selected indicators

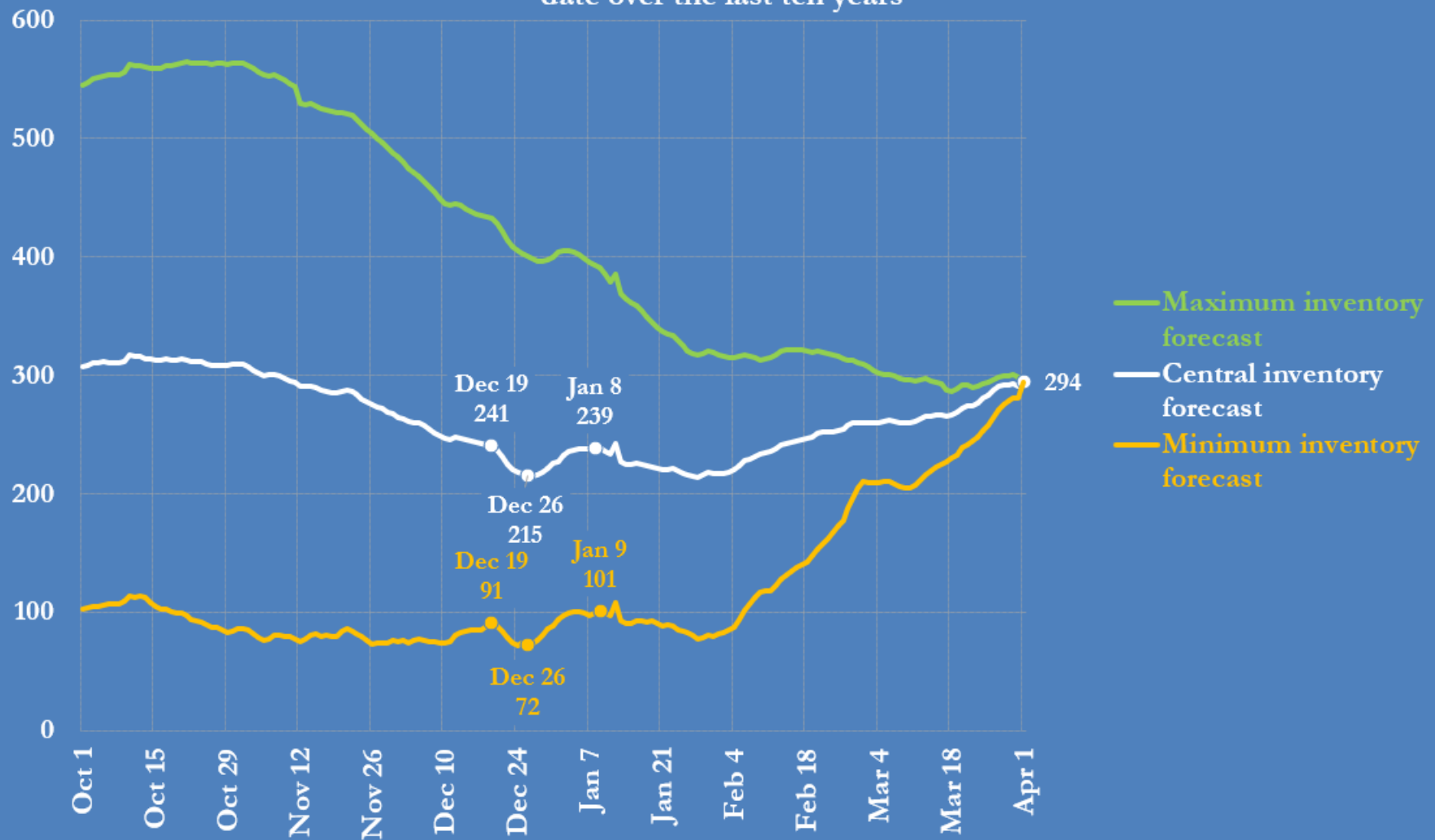
JOHN KEMP

REUTERS

5 April 2022

EU28 gas inventories projected level at end of winter 2021/22

TWh, based on inventory on the date shown and remaining depletion from same date over the last ten years

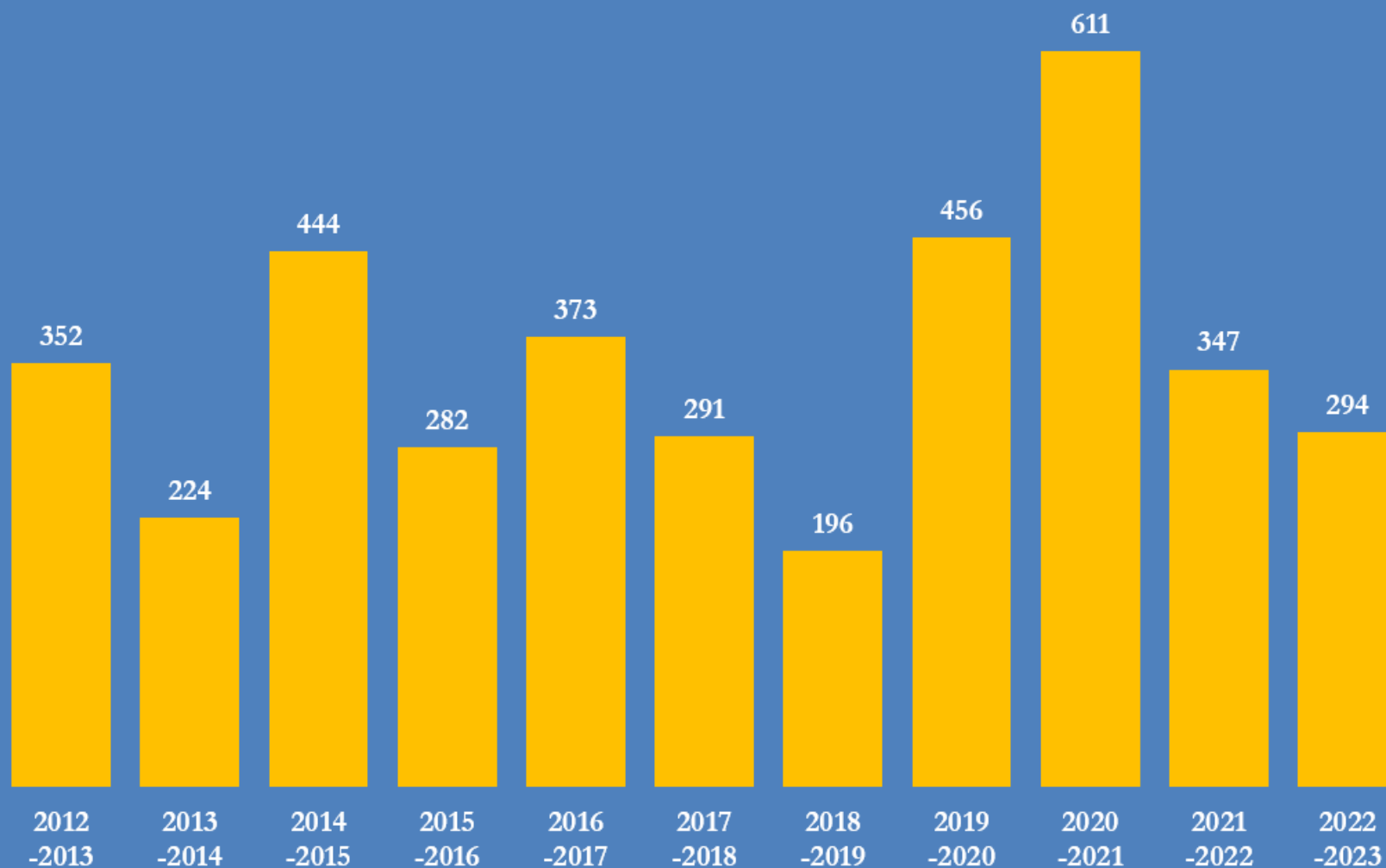


Source: Gas Infrastructure Europe

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European natural gas storage, 2012-2022

TWh, storage each year on April 1

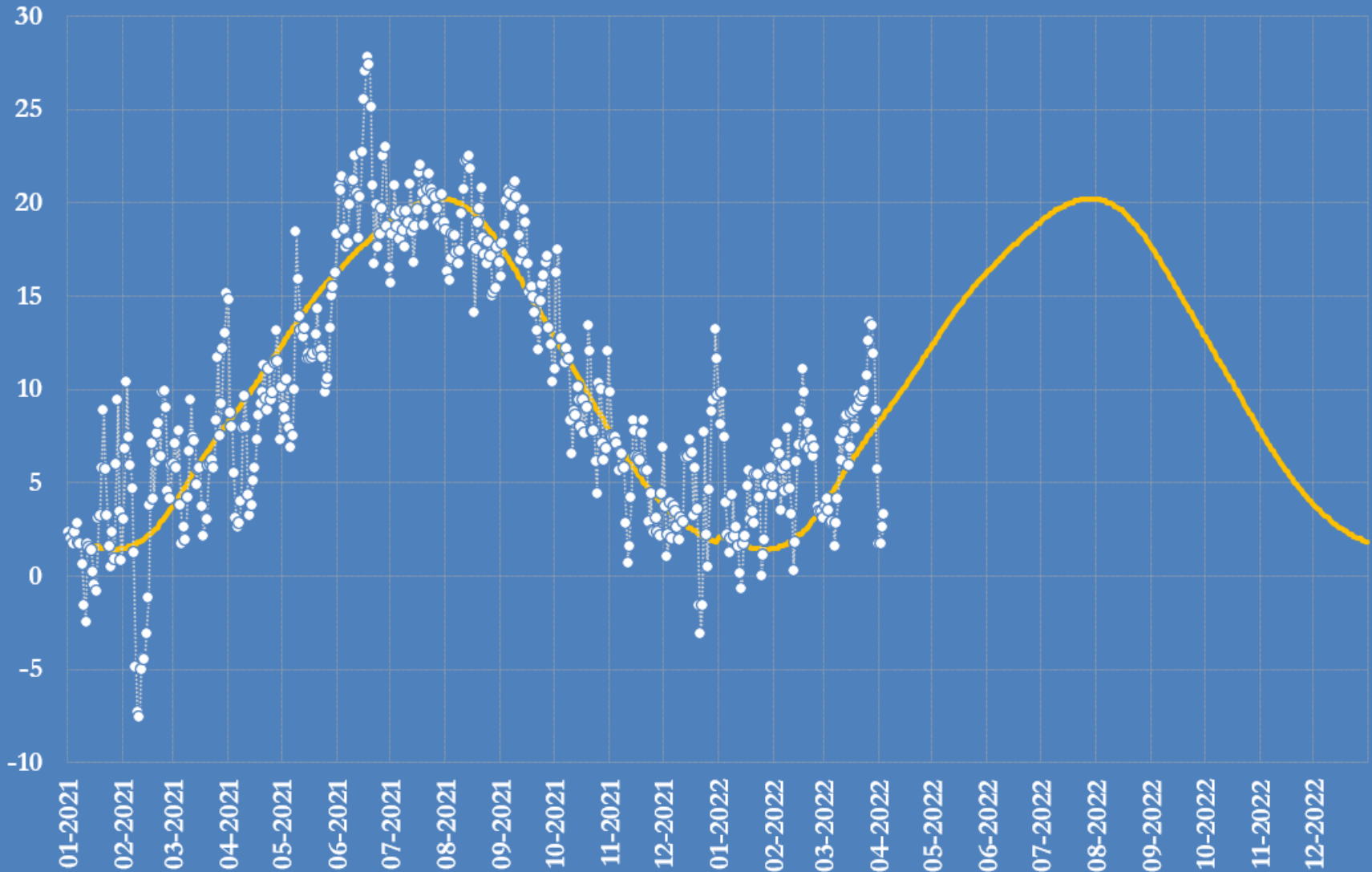


Source: Gas Infrastructure Europe

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Frankfurt-am-Main (Germany) temperatures, 2021-2022

°C, daily average compared with long-term normal (1981-2010)

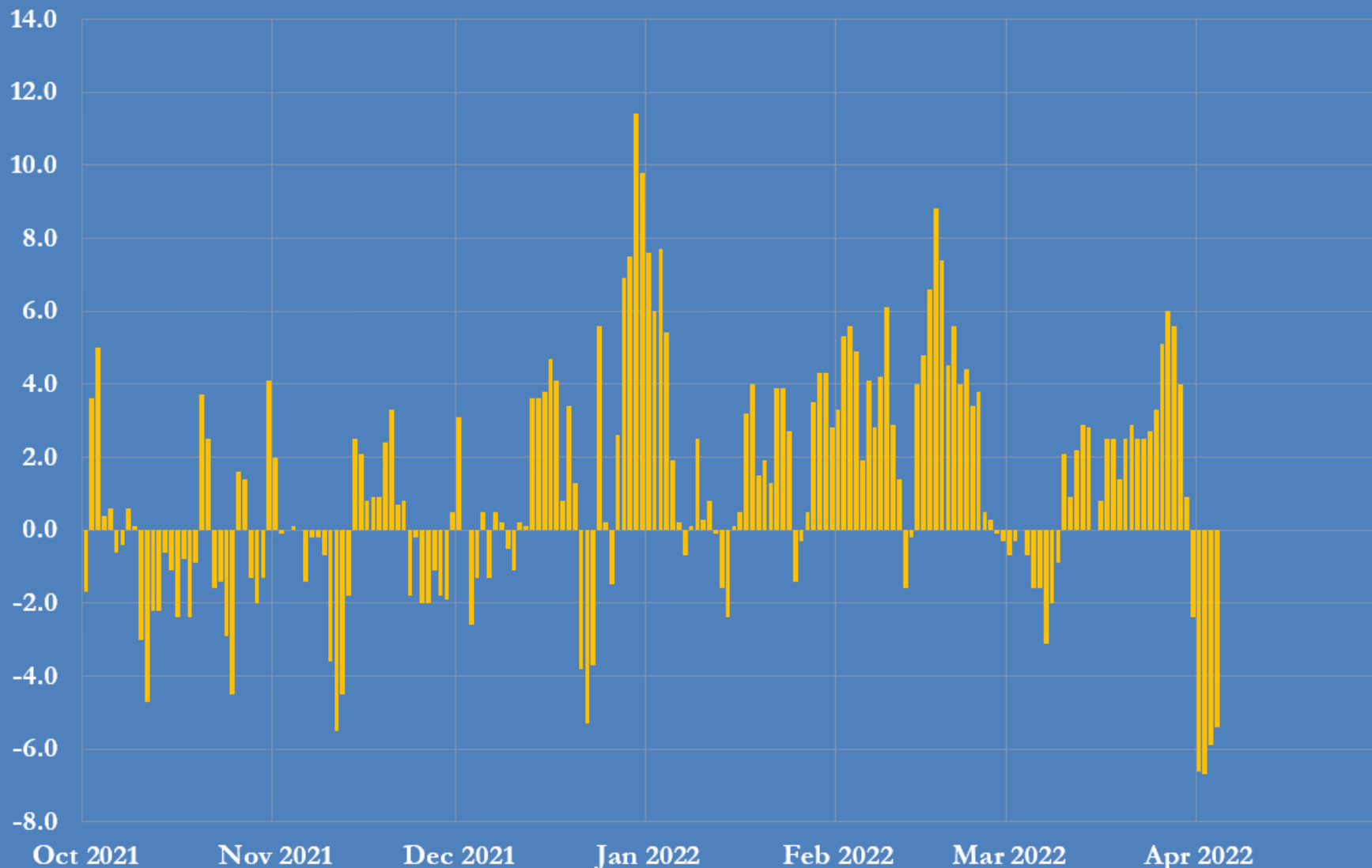


Source: U.S. Climate Assessment Database

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Frankfurt-am-Main (Germany) temperatures, 2021-2022

°C, daily average, deviation from long-term normal (1981-2010)



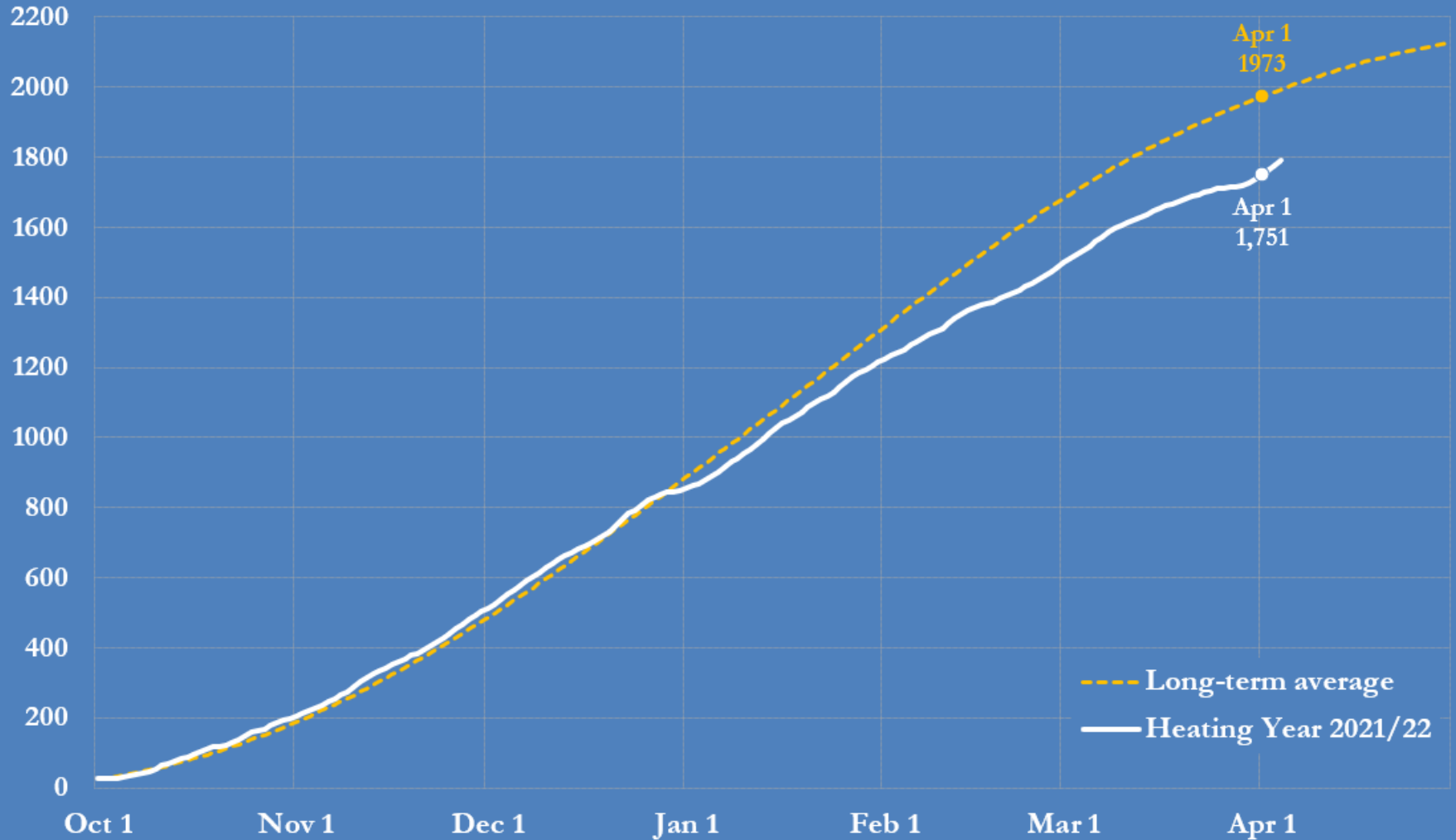
Source: U.S. Climate Assessment Database

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Northwest Europe annual heating demand

Frankfurt-am-Main, heating degree days, cumulative

long-term average and 2021/22 heating year



Source: U.S. Climate Assessment Database

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Europe gas price, 2020-2022

Dutch TTF, front-month futures, €/MWh

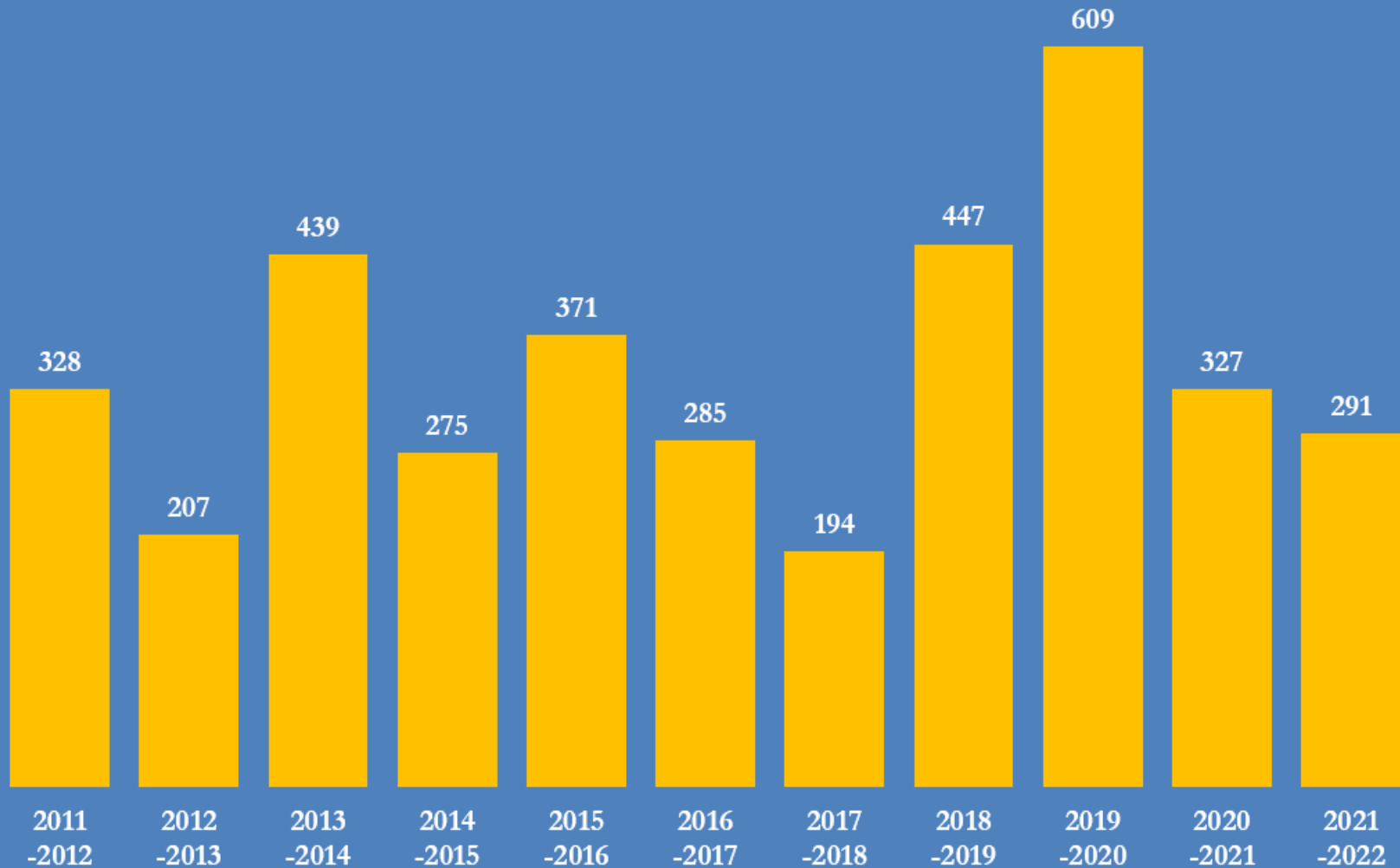


Source: ICE Futures Europe

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European natural gas storage, 2012-2022

TWh, post-winter minimum storage each year



Source: Gas Infrastructure Europe

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EU28 natural gas storage

Date of post-winter minimum storage

2012	Mar 16
2022	Mar 19
2019	Mar 21
2014	Mar 28
2017	Mar 28
2016	Mar 30
2018	Mar 31
2020	Mar 31
2015	Apr 9
2013	Apr 12
2021	Apr 19

Source: Gas Infrastructure Europe
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European natural gas storage

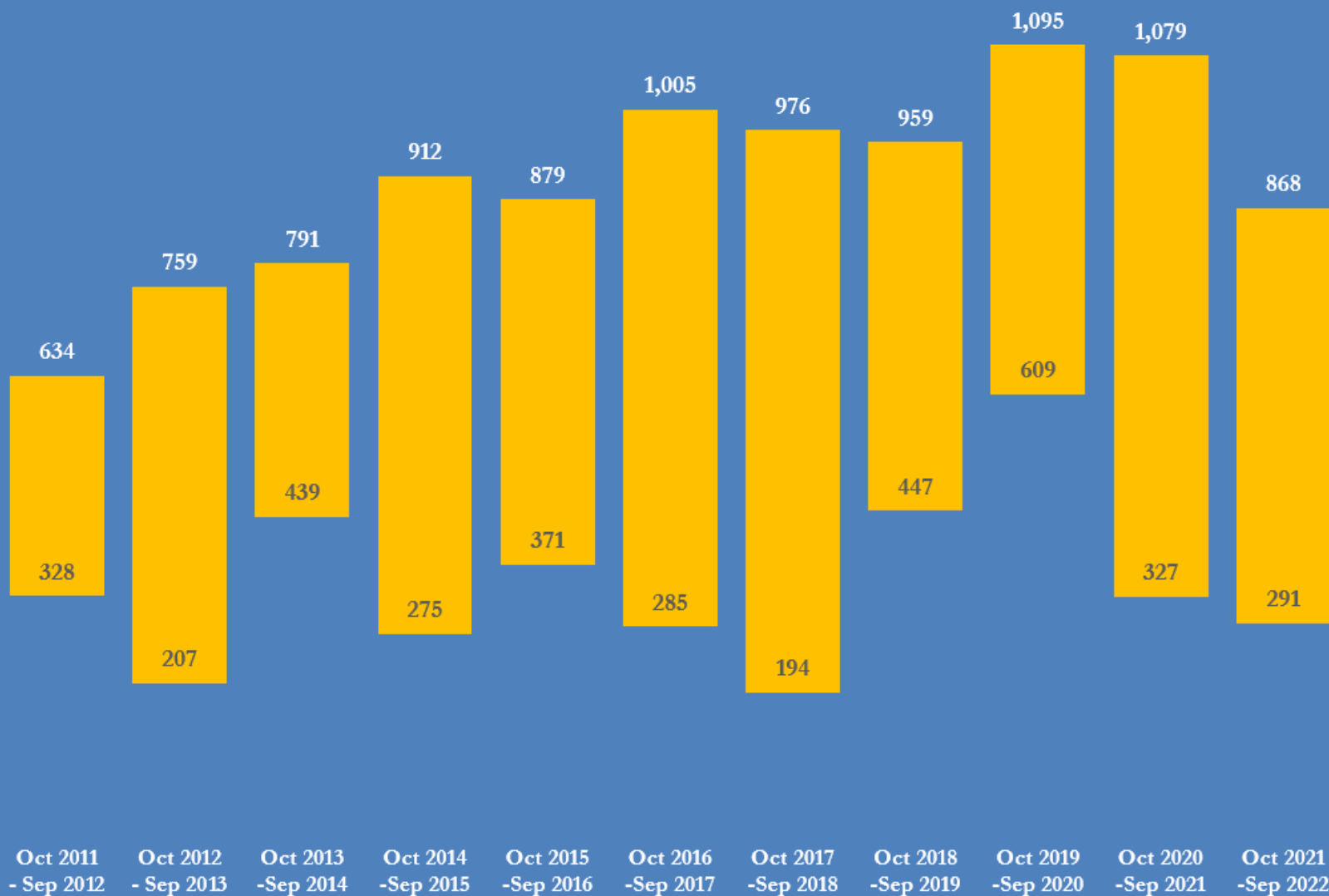
Storage years starting Oct 1 and finishing Sep 30
EU28, TWh

	Oct 2011	Oct 2012	Oct 2013	Oct 2014	Oct 2015	Oct 2016	Oct 2017	Oct 2018	Oct 2019	Oct 2020	Oct 2021
	- Sep 2012	- Sep 2013	-Sep 2014	-Sep 2015	-Sep 2016	-Sep 2017	-Sep 2018	-Sep 2019	-Sep 2020	-Sep 2021	-Sep 2022
Maximum	634	759	791	912	879	1,005	976	959	1,095	1,079	868
Minimum	328	207	439	275	371	285	194	447	609	327	291
Drawdown	-306	-552	-352	-637	-508	-720	-782	-513	-486	-752	-578
	Prior 10 years		Prior 5 years								
Largest drawdown	-782		-782								
Smallest drawdown	-306		-486								
Average drawdown	-561		-651								

Source: Gas Infrastructure Europe
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European natural gas storage, 2011-2022

TWh, storage swing from maximum to minimum each year

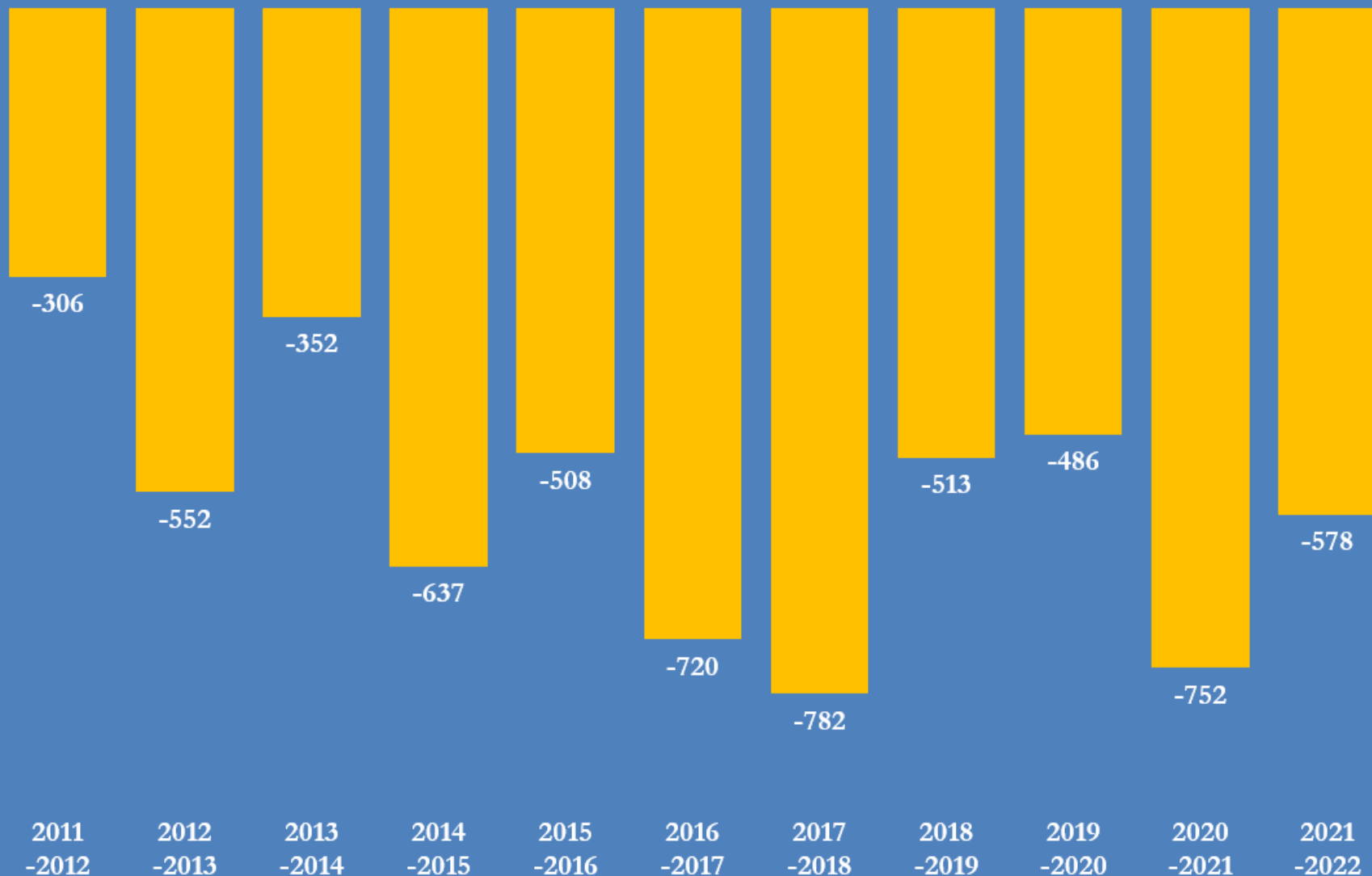


Source: Gas Infrastructure Europe

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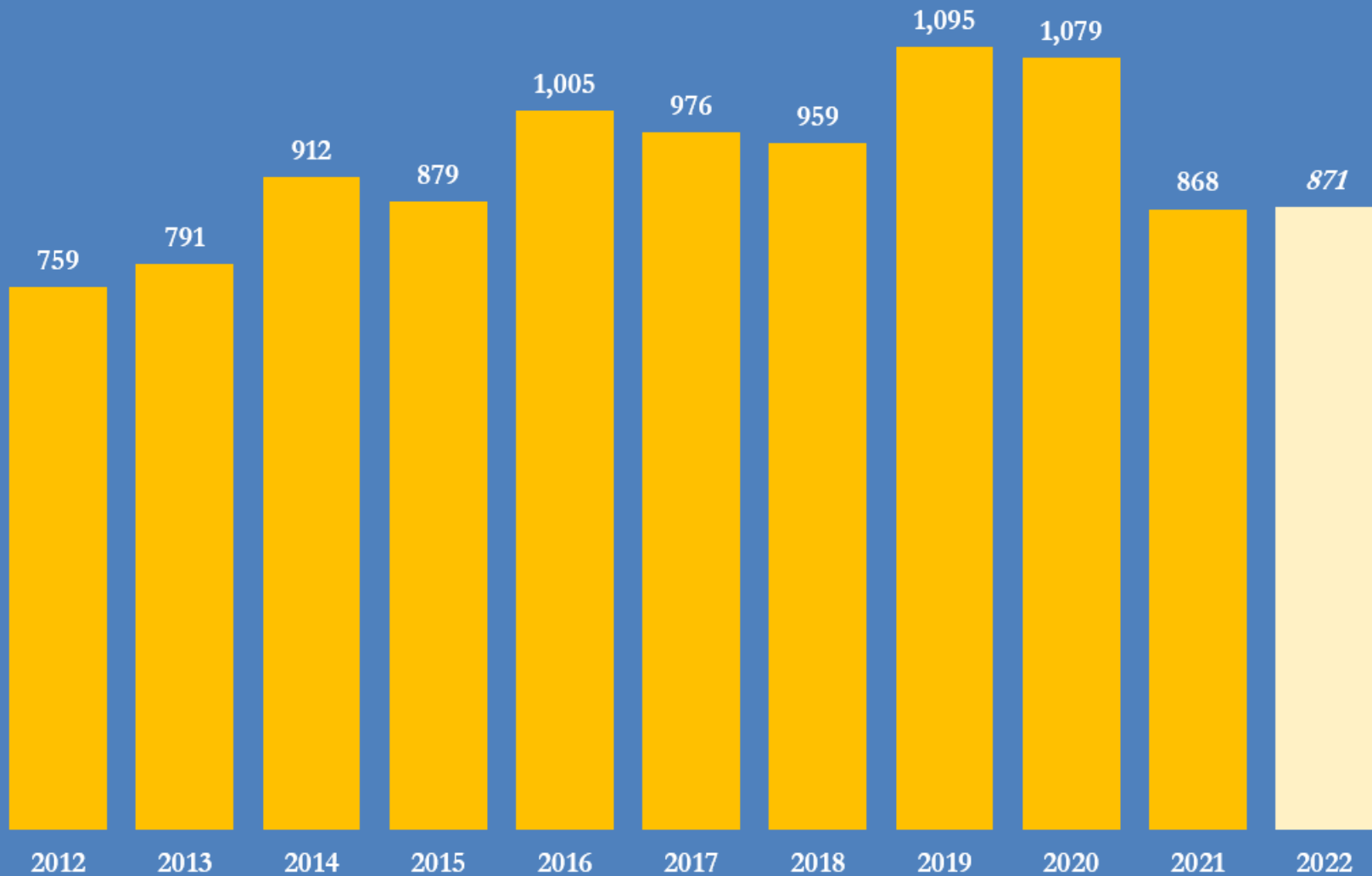
European natural gas storage, 2011-2022

TWh, depletion from post-summer high to post-winter low



European natural gas storage, 2012-2022

TWh, post-summer maximum storage each year, projection for 2022

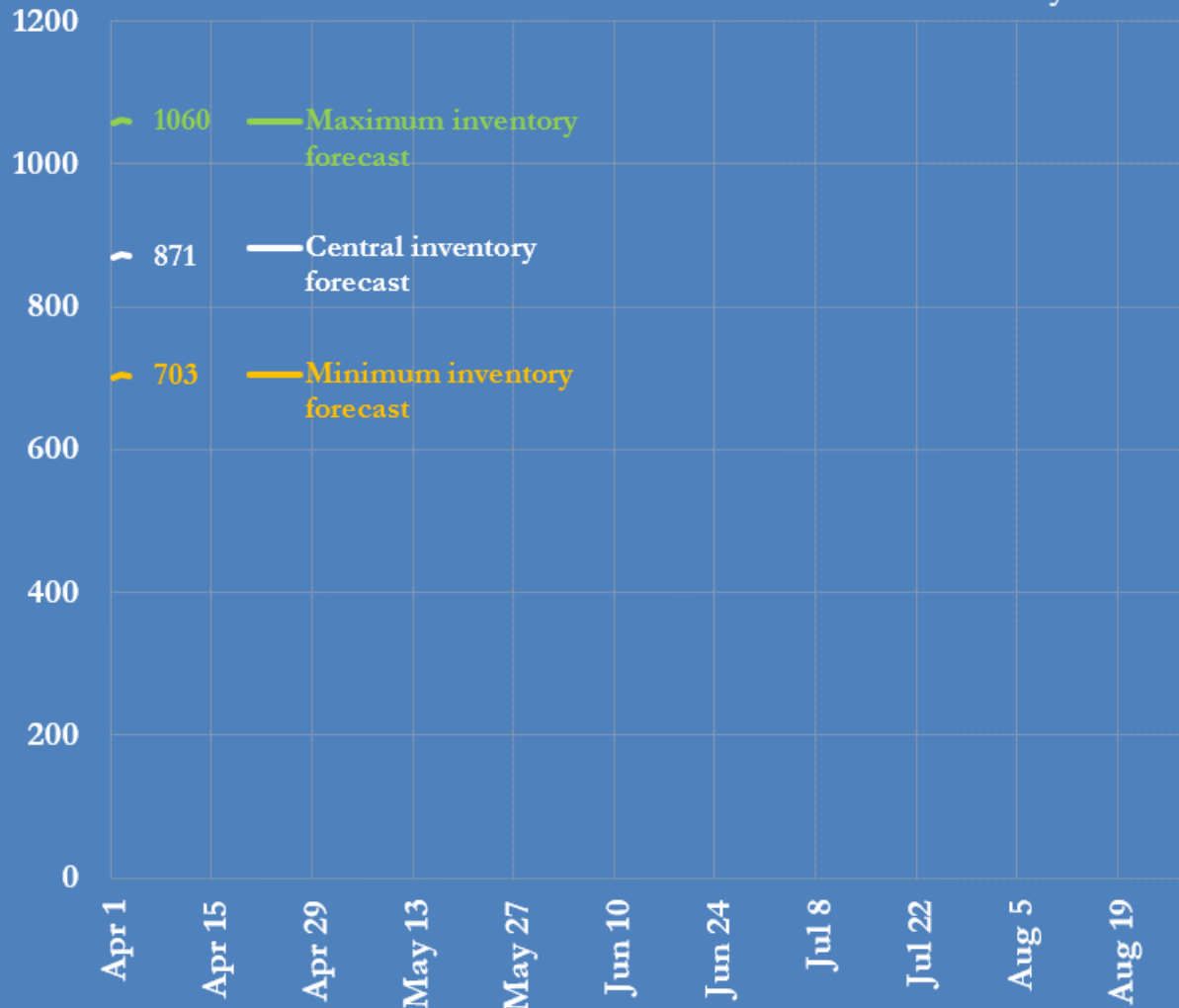


Source: Gas Infrastructure Europe

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EU28 gas inventories projected level at end of summer 2022

TWh, based on inventory on the date shown and remaining accumulation from same date over the last ten years

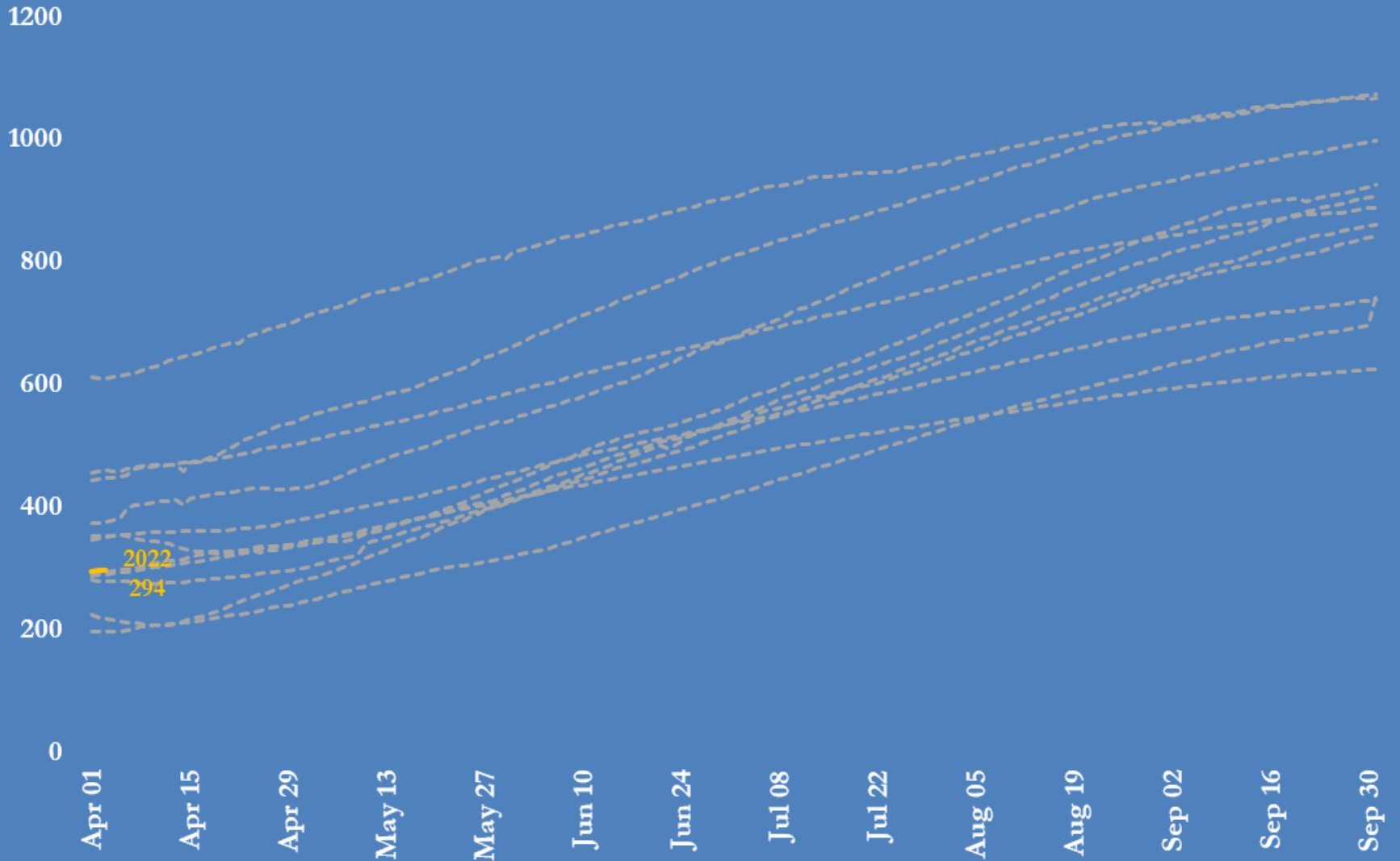


Source: Gas Infrastructure Europe

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EU28 gas inventories, 2011 to 2022

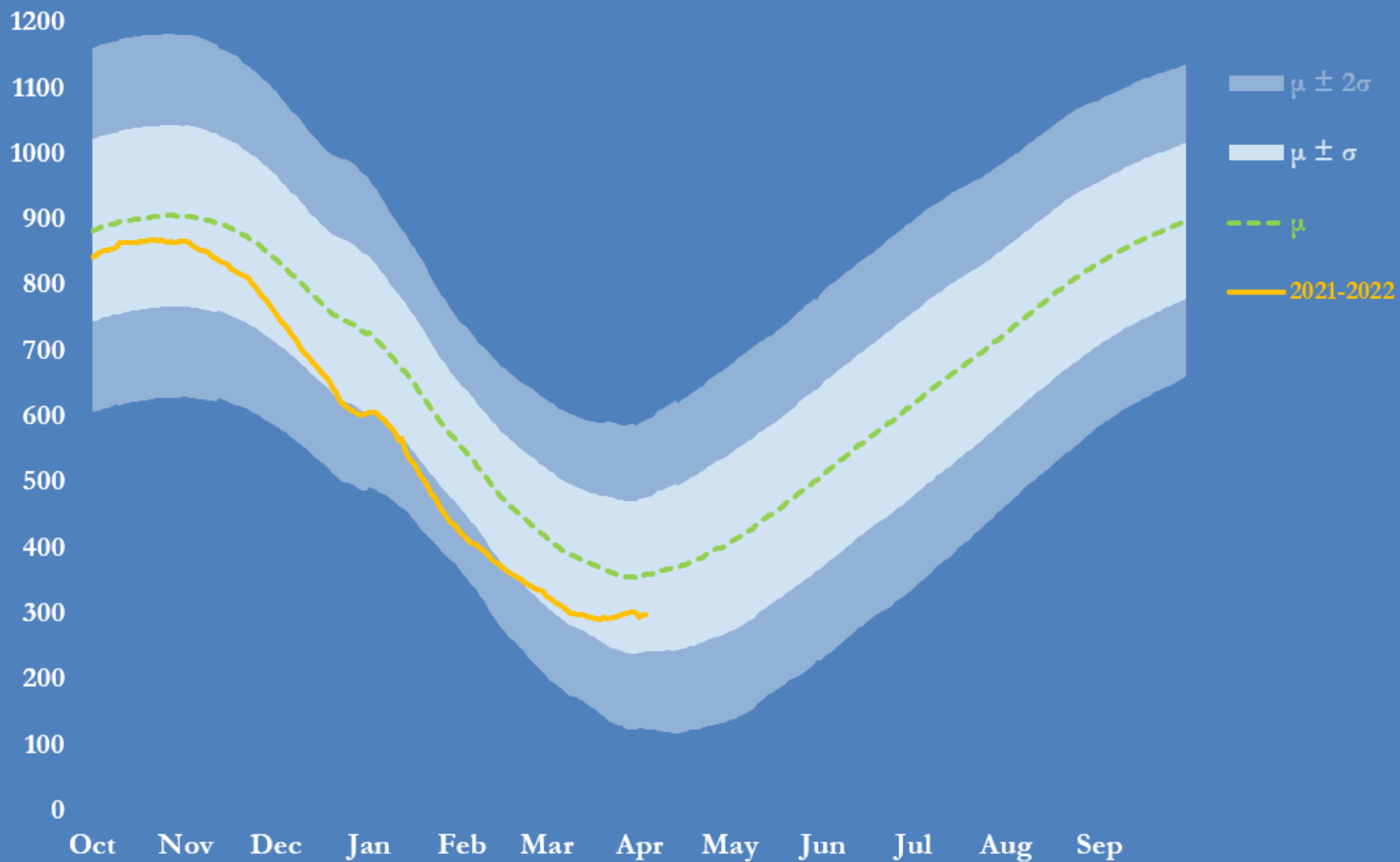
TWh, annual trajectory from Apr 1 to Oct 1



Source: Gas Infrastructure Europe

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EU28 natural gas inventories, 2011/12 to 2021/22 daily, TWh, prior ten-year average and standard deviations

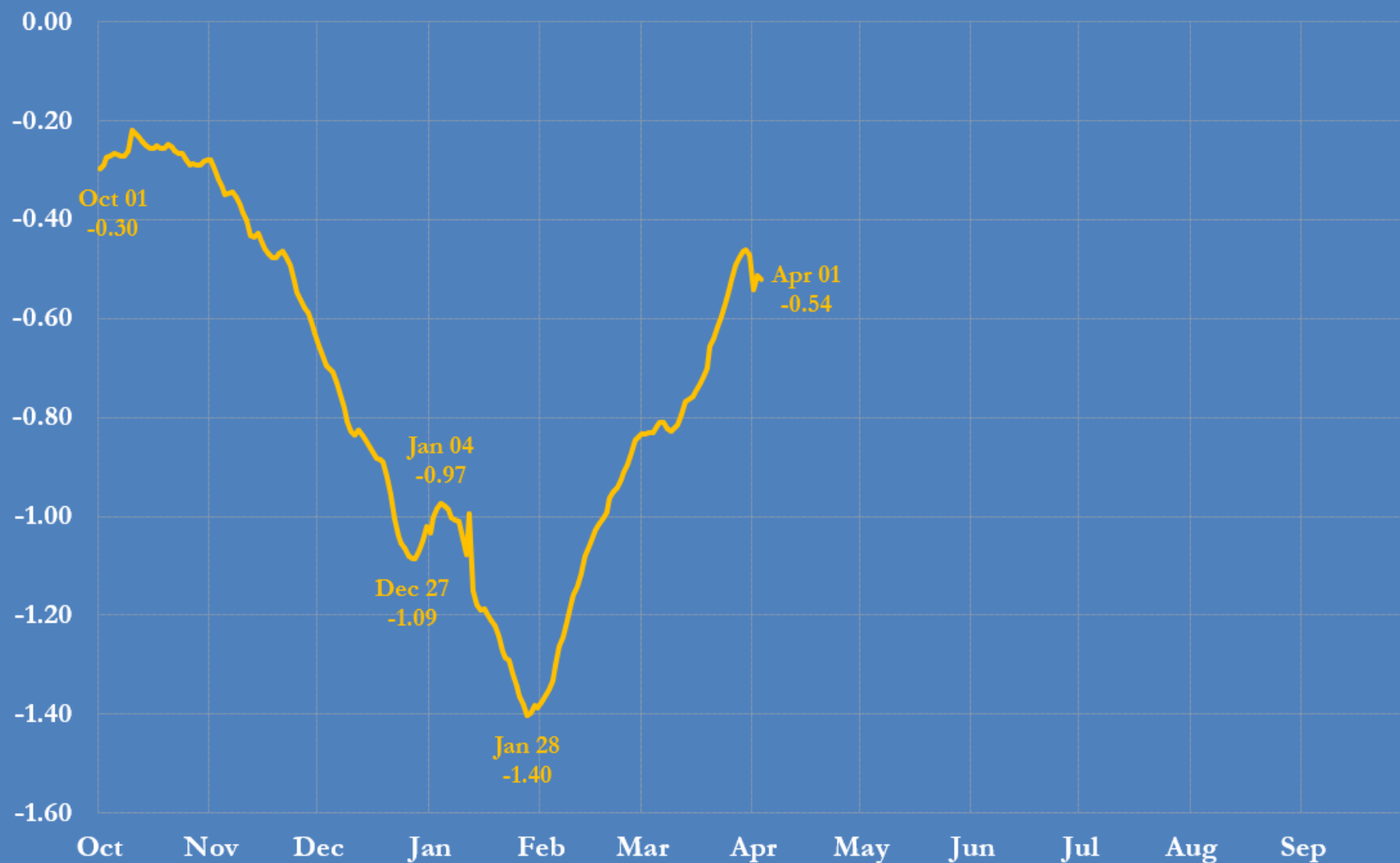


Source: Gas Infrastructure Europe

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EU28 natural gas inventories, 2021/22

z-score, standard deviations away from ten-year average/normal



Source: Gas Infrastructure Europe

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